

## ABSTRACT:

A voltage-controlled oscillator comprising a LC tank circuit (L1, L2, VD1, VD2) coupled to a pair of transistors (T2, T3) and crossed-coupled to a pair of emitter follower transistors (T0, T4) each transistor having a collector, an emitter and a base, the voltage controlled oscillator being characterized in that a supply voltage applied to the  
5 collectors of the emitter follower transistors (T0, T4) is substantially different from a supply voltage applied to the bases of the emitter follower transistors (T0, T4).

Fig. 1